JENNIFER LAM

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Education

Princeton University   *Sep. 2020 - Present*
Ph.D. Computer Science
Research Interests: Distributed Systems, Consistency Models, Correctness.
Advisors: Wyatt Lloyd, Haonan Lu.

Princeton University   *Sep. 2018 – Jun. 2020*
M.S.E. Computer Science, GPA: 4.0
Thesis: *Towards Exploiting Skew in High Throughput Distributed Databases*

Columbia University   *Sep. 2012 – May 2016*
B.S. Computer Science, GPA: 3.7

Publications

Jennifer Lam, Jeffrey Helt, Wyatt Lloyd, Haonan Lu. *Accelerating Skewed Workloads with Performance Multipliers in the TurboDB Distributed Database*. **NSDI 2024.**

Jennifer Lam, Jeffrey Helt, Haonan Lu, Wyatt Lloyd. *Targeting Skewed Workloads with the Smelter Distributed Database.* **OSDI 2023 Poster Session.**

Jennifer Lam, Haonan Lu, Zachary Kincaid, Wyatt Lloyd. *Unearthing Correctness Violations in Distributed Protocols with Turnpike.* Ongoing.

Professional Experience

Google   *Jun. 2024 - Present*
Ph.D. Software Engineer Intern
Team: Network Infrastructure. Sunnyvale, CA

Meta   *Jun. 2019 – Aug. 2019*
Software Engineer Intern
Team: Ads Infrastructure Team. Menlo Park, CA

Bloomberg L.P.   *Jun. 2016 – Aug. 2018*
Full-time Software Engineer
Team: Foreign Exchange (FX) Pricing Team. New York City, NY.

Service

- SOSP 2024 External Reviewer
- OSDI 2024, 2023, and 2021 External Reviewer
- NSDI 2024 Program Committee: Pre-review Task Force
- ATC 2024 External Review Committee (ERC)
- EuroSys 2024 Shadow Program Committee
- Princeton Women in STEM Executive Leadership Board 2020-2021
- Princeton Systems Lunch Seminars Fall 2021 Coordinator

Awards

OSDI 2024 Student Grant Award	*July 2024*
Princeton University SEAS Travel Award	*April 2024*
NSDI 2024 Student Grant Award	*April 2024*
OSDI 2023 Student Grant Award	*June 2023*
Columbia University Jee Yin Au Scholar	*Sep 2012 – May 2016*

Talks

Accelerating Skewed Workloads with Performance Multipliers in the TurboDB Distributed Database

USENIX NSDI, Santa Clara, CA	*April 2024*
University at Buffalo Systems Lunch (virtual)	*March 2024*
Princeton University Systems Lunch, Princeton, NJ	*March 2024*
[Poster] USENIX OSDI, Boston, MA	*June 2023*

Teaching Experience

Teaching Fellow, Princeton University   *Fall 2020 – Present*
McGraw Center for Teaching and Learning
Train new graduate preceptors on how to lead engaging, effective precepts.

Preceptor, Princeton University   *Fall 2018 – Spring 2023*
Department of Computer Science
o   COS 418: Distributed Systems, *(Fall 2022, Fall 2019)*
o   COS 226: Data Structures in Java *(Spring 2023)*
o   COS 126: Introduction to Computer Science in Java *(Spring 2020, Spring 2019, Fall 2018)*

Teaching Assistant, Columbia University   *Fall 2015*
Department of Computer Science
o   COMS W3157: Advanced Programming in C/C++ *(Fall 2015)*

Leadership and Mentorship

Princeton Women in STEM Executive Leadership Board
- Coordinate flagship Women in STEM networking event to facilitate mentorship between faculty and graduate students who identify as women.
- Host campus conversation and events on empowering women in graduate school.

Princeton University Graduate Coffee House Manager
Manage Princeton's popular graduate coffee house, which is a social space for first-year graduate students and other student groups.

Columbia University Splash! Program, co-founder and President
Invite high school students from the New York tri-state area to Columbia's campus and take non-traditional classes (for example, "Forensics Science" or "Chemistry of Chocolate").